

AMENDMENT UNDER 37 C.F.R. § 1.111 and
RESPONSE TO ELECTION REQUIREMENT
U.S. Patent Application No. 10/721,384

Q73159

REMARKS

General Remarks

With this Amendment, Applicants amend Claims 13, 14, and 24, and add new Claim 25.

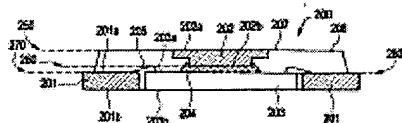
No new matter is added. Therefore, Claims 1-25 are all the claims currently pending in the present application.

Response to Election Requirement

In the December 28, 2004 Office Action, the Examiner issues a second election requirement, grouping the claims into the following Species and Sub-species:

•**Species I:**

FIG. 2



•**Sub-species II:**

FIG. 4

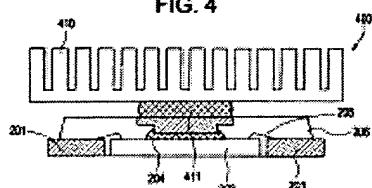
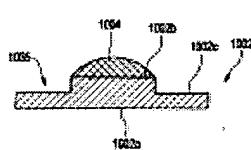


FIG. 10



•**Sub-species III:**

FIG. 4

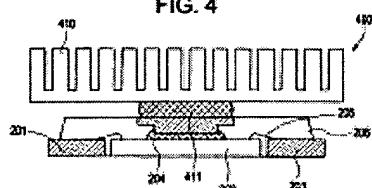
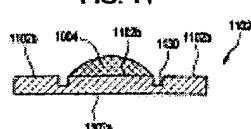


FIG. 11

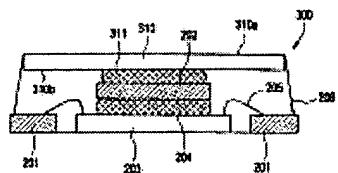


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U.S. Patent Application No. 10/721,384

Q73159

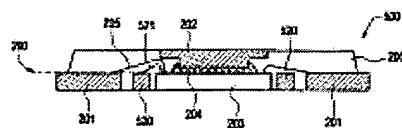
•Species IV:

FIG. 3



•Species V:

FIG. 5



•Sub-species VI:

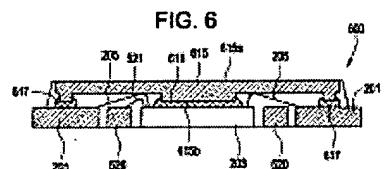
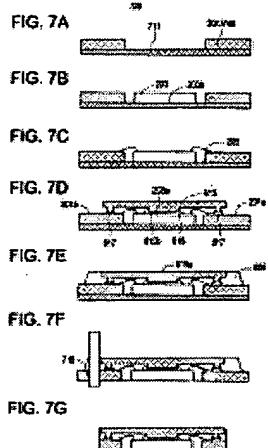


FIG. 7H

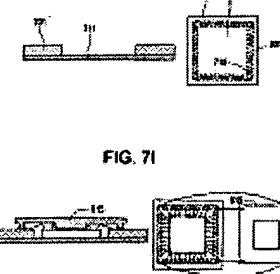
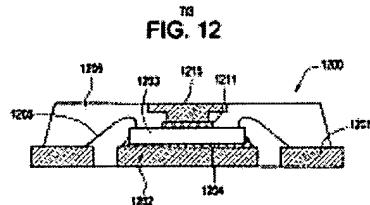


FIG. 7I

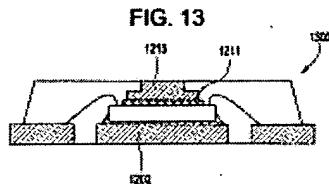
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U.S. Patent Application No. 10/721,384

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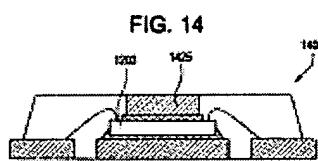
•Species VII:



•Sub-species VII:



•Sub-species IX:



In response to this election requirement, Applicants elect Species I, including Claims 1, 6, 7, and 13, drawn to Figure 2, with traverse. Applicants further submit that Claim 1 is generic to Claims 2-5, and 8-10, drawn to Figure 4, Claim 11, drawn to Figure 10, and Claim 12, drawn to Figure 11, all of which depend from Claim 1 and are included within Sub-species II and Sub-species III, and that Claims 2-5, and 8-12 should be examined if Claim 1 is allowed.

Traversal of Election Requirement

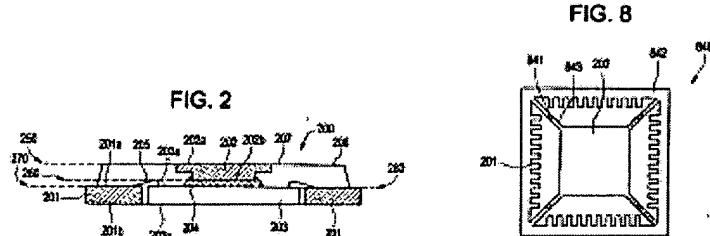
Applicants respectfully traverse the Examiner's election requirement as set forth below.

Applicants submit that the present invention includes the following Species 1-4, and Sub-species 1A-1C:

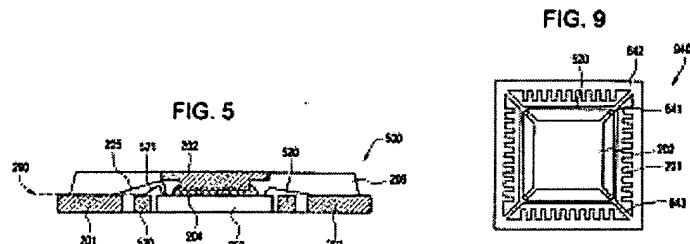
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U.S. Patent Application No. 10/721,384

Q73159

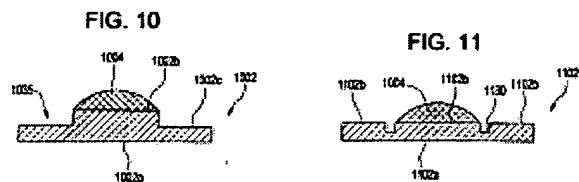
- Applicants' Species 1: Figures 2 and 8; Independent Claim 1; Dependent Claims 6, 7, and 13.



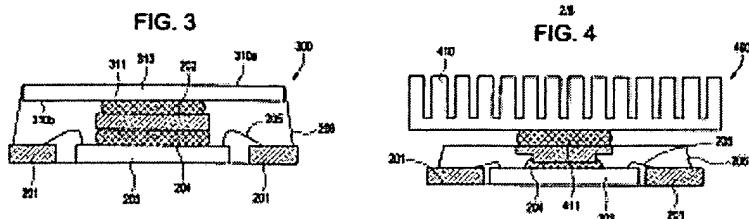
- Sub-species 1A: Figures 5 and 9; Dependent Claims 14-19 and 25.



- Sub-species 1B: Figures 10 and 11; Dependent Claims 11 and 12.



- Sub-species 1C: Figures 3 and 4; Dependent Claims 2-5 and 8-10.



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U.S. Patent Application No. 10/721,384

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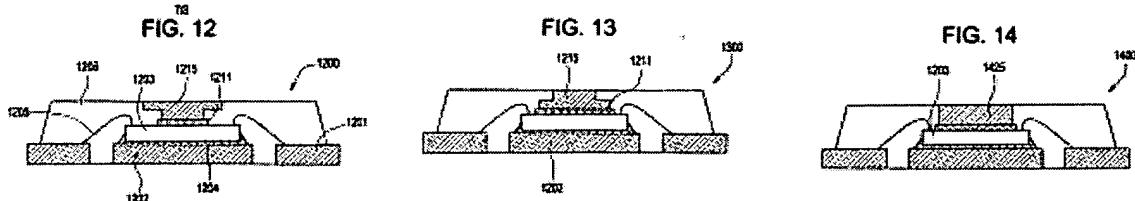
Regarding Applicants' Species 1, Applicants submit that Claim 1 is a generic Claim to all of Claims 2-19 and 25. Regarding Figure 8, Applicants note that the leadframe 840, described in dependent Claim 13, is an optional, dependent feature of the IC package 200 of Figure 2.

Figure 5 includes annular element 520, described in dependent Claims 14-19, which is an optional, dependent feature of the IC package 200 of Figure 2. Figure 9 illustrates leadframe 940, described in dependent Claim 25, which is an optional, dependent feature of the IC package 500 of Figure 5.

Figures 10 and 11 illustrate die pads 1002 and 1102, respectively, described in Claims 11 and 12, respectively, which are optional, dependent features of the IC package 200 of Figure 2.

Figures 3 and 4 illustrate thermal dissipation elements 310 and 410, described in claims 2-5 and 8-10, which are optional, dependent features of the IC package 200 of Figure 2.

•Applicants' Species 2: Figures 12, 13, and 14.

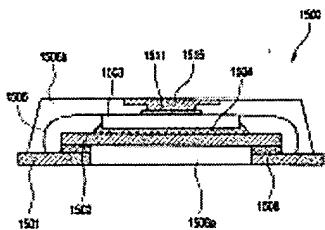


•Applicants' Species 3: Figure 15.

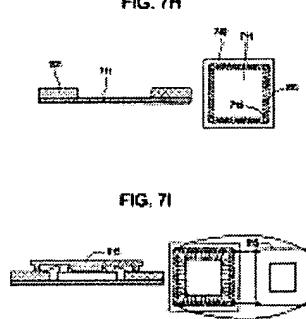
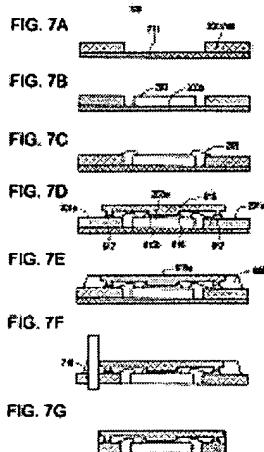
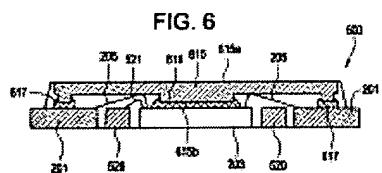
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FIG. 15



•Applicants' Species 4: Figures 6 and 7A-7I.



Applicants' Election Regarding Applicants' Species 1-4. Regarding Applicants' proposed Species 1-4 and Sub-species 1A-1C of Species 1, Applicants elect Species 1 (Figures 2 and 8, Claims 1, 6, 7, and 13) for examination. Applicants further submit that Species 1 and Claim 1 are generic to Sub-species 1A-1C (Figures 3-5 and 9-11; Claims 2-5, 8-12, 14-19, and 25), and therefore, upon the allowance of Claim 1, Applicants request the examination of Claims 2-5, 8-12, 14-19, and 25.

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U.S. Patent Application No. 10/721,384

Q73159

Conclusion

If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned attorney at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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WASHINGTON OFFICE
23373
CUSTOMER NUMBER

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